City of Salinas
1999 Solid Waste Generation Study

Prepared for
City of Salinas
200 Lincoln Avenue
Salinas, CA 93901

and

Salinas Valley Solid Waste Authority
337 Melody Lane
Salinas, CA 93901

Prepared by
Brown, Vence & Associates
65 Battery Street, Suite 200
San Francisco, CA 94111

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City of Salinas 1999 Solid Waste Generation Study

Introduction

The Salinas Valley Solid Waste Authority (SVSWA) has sponsored this new solid waste generation study for the City of Salinas to better document the City's existing diversion and to employ the same documentation techniques for each of its member cities.

As reflected in its most recent AB 939 Annual Report, the City of Salinas has implemented all of its AB 939 programs designed to reach the City's diversion goal, including both residential and commercial recycling programs. In estimating the City's current diversion using the City's 1990 base year and the California Integrated Waste Management Board (CIWMB) adjustment factors, the diversion rate is estimated to be 19 percent for 1999.

Brown, Vence & Associates (BVA) has assisted the City in identifying existing diversion programs being implemented by the private sector and documented existing diversion tonnages for both City-sponsored programs and private sector recycling. This study demonstrates that the City's diversion rate in 1999 was 49 percent. A significant amount of this diversion has been carried out by private businesses and institutions. These efforts were not fully recognized in the 1990 base year and are not reflected in the City's 1999 diversion rate using the adjustment factors.

Methodology

BVA accumulated data for the solid waste generation study through:

- Written surveys completed by City staff documenting the City's in-house diversion
- Written and phone surveys completed by City Public Works staff documenting diversion from City sponsored projects
- Phone surveys to local and regional materials handlers, including recyclers and landscapers
- Phone surveys to local business and institutional generators
- On-site waste assessments conducted by Salinas Valley Solid Waste Authority staff and Ecology Action staff at local businesses documenting the recycling and waste prevention practices
- Franchise hauler reports
- Department of Conservation recycling reports.

The written, phone and on-site surveys were conducted pursuant to the guidelines published in the CIWMB Diversion Study Guide. All diversion tonnages were documented as actual tons diverted. No attempt was made to extrapolate the data across business sectors.

BVA conducted a regional thrift store survey to justify the use of 8,514 tons of diversion for the City's thrift stores. This number has been zeroed out for this report due to lack of consensus as to appropriate counting methodology.

Material handlers were identified through use of regional phone books and Internet databases. Businesses selected for site visits were targeted as the largest employers and identified by City staff through the business license database.

Summary of Waste Prevention and Recycling Audits

BVA successfully conducted 17 material handler surveys and 30 phone surveys and 8 on-site waste assessments of large commercial entities in the City. Ecology Action conducted an additional 86 total on-site waste assessments. SVSWA staff also conducted some follow-up surveys. The assessments and phone calls together documented 106,217 tons of diversion in the City. In order to avoid any double-counting, no tonnage was included in the site assessment tonnage from the franchise haulers, the contacted materials handlers, or for redemption value material. For example, if a business had a cardboard bin from the franchised hauler, this was noted but not included in the site assessment tonnage. The tonnage has been left in the quantity column, but tons/year has been zeroed out in these instances. However, if a business was baling and selling its cardboard to a business not surveyed amongst the Material Handlers, the tonnage has remained in the total.

The site assessments were essential to understanding the City's true diversion. Many businesses in the City participate in private recycling programs and practice waste prevention techniques not previously documented by the City. The site assessments were valuable in both documenting the City's diversion and identifying service voids. Several businesses were referred to the City's franchise hauler for recycling program enhancements.

Table 1 shows the results of the on-site waste assessments. The business names have been blacked out to protect any proprietary information and preserve confidentiality. The City has a per capita waste generation rate of 13.48 pounds per person per day. This rate is consistent with statewide averages especially given the fact that non-residential generation makes up 84% of total generation, substantially higher than residential generation.

New Base Year Study Calculation Details

Table 2 provides the New Base Year Calculation Details demonstrating that the City's 1999 diversion rate was 49 percent.

Restricted Wastes

These programs qualify under Public Resource Code Section 41781.2 as a new (since 1990) City-sponsored program and may be included in the new base year.

Conversion Factors

Unless otherwise indicated, all conversion factors used in the solid waste generation study are those identified in Appendix J of the Diversion Study Guide and are listed on Table 1.

Supplementary Documentation

Attached to this report are the following supplementary documents:

- Department of Conservation Reports
- Regional Thrift Store Survey

Base Year Modification Request Certification Form

Attached to this report is the Base Year Modification Request Certification Form. The City formally petitions the CIWMB to recognize its 1999 diversion rate and establish 1999 as the City's new base year.

STATE OF CALIFORNIA CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD

Base Year Modification Request Certification

Part 1: Generation Study - No Extrapolation Diversion Data

To request a substitution for a previously approved base-year used in calculating the diversion rate for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to:

California Integrated Waste Management Board
Office of Local Assistance
1001 I Street, 9th Floor
PO Box 4025
Sacramento, CA 95812-4025

General Instructions:

Please select the **ONE** choice below that best explains your request to the Board.

☐ 1. Use a recent generation-based study to calculate our current reporting-year generation amount, but not officially change our existing Board-approved base year.

☑ 2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The shaded cells on these sheets are protected. If you have problems using these sheets, please contact your Office of Local Assistance representative.

Section I: Jurisdiction Information and Certification

All respondents must complete this section.

I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:

Jurisdiction Name	County	
Salinas	Monterey	
Authorized Signature	Title Department of Public Works	
	Public Works Director	
Type/Print Name of Person Signing	Date	Phone ( ) Include Area Code
John Fair	March 27, 2002	(831) 758-7241
Person Completing This Form (please print or type)	Title	
Heidi Melander	Associate, Brown, Vence & Associates	
Affiliation: Consultant to the City		

Mailing Address	City	State	ZIP Code
200 Lincloln Ave.	Salinas	CA	93901

E-mail address johnfa@ci.salinas.ca.us

Section II: Information for New Generation-Based Study for Existing or New Base Year

Attach additional sheets if necessary— reference each response to the appropriate cell number (e.g., 4).

Note: New base years must be representative of a jurisdiction's disposal and diversion.

1. Current Board-approved existing base-year:	2. Proposed new generation-based study year:
1990	**1999**

3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:

The City has undertaken the preparation of a new waste generation study in order to more fully and accurately assess the City's diversion rate. 1999 is the most recent year in which both disposal and diversion data was available.

4. Enter your diversion rates below.

Diversion rate calculated using existing base year	**a. 19 %**	**Diversion rate calculated using new generation-based study**	**49 b. %**
For existing base year pounds/person/day based on generation	**8.21327964**	**For new generation based study pounds/person/day based on generation**	**13.48**
Residential generation 31.09 % Non-Residential Generation 68.91 %		**Residential generation 16% % Non-Residential generation 84% %**	
Population existing generation-based study	129800	**Population new generation-based study**	129800

5. If there is an increase between 4a and 4b, please explain how the new diversion rate is consistent with your current diversion implementation efforts. If the proposed new generation tonnage results in an increase in your pounds/person/day, please explain how this is consistent with your current diversion implementation efforts and provide any examples, e.g. change in jurisdiction's demographics.

According to the its most recent PARIS report, the City as implemented at least 30 diversion programs since 1990. These efforts, and those of the private sector, are not appropriately reflected in the City's current diversion rate. The 1999 Waste Generation Study identified previously undocumented diversion through site visits and surveys of the City's commercial businesses and surveys of materials handlers and solid waste facilites. The increase in the pounds per person per day is a result of the increase in the diversion activities since 1990.

6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons for the difference. (For example: new/improved curbside diversion programs.)

The City has implemented a significant number of diversion programs since 1990 and the 1999 Waste Generation Study has identified previously undocumented diversion by the City's private sector.

7. Disposal Tonnage: (enter values)	40,757.92	122214	162972
	Residential	Non-Residential	Total

Please select the **ONE** choice below that best explains your **disposal** data and complete the required tables.

☑ a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)

☐ b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification sheet found at http://www.ciwmb.ca.gov/lgcentral/forms/rytnmdrq.doc)

☐ c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at http://www.ciwmb.ca.gov/lgcentral/forms/rytnmdrq.doc)

8. In the table below, list the summarized diversion activities, and diversion data records that support your claim and are available for Board audit. (Note: The Board expects the jurisdictions to be able to provide all back-up documentation, if requested) Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition calculations). If any diversion is from restricted wastes, [agricultural wastes,inert solids (e.g., concrete, asphalt, dirt, etc.), white goods, and scrap metal] please identify those programs/waste types and fill out section 10. Please mark as Attachment 8 all copies of survey forms.
*Please provide detailed Non-Residential waste information in Section 9.

*Please provide detailed non-Residential waste audit information in Section 9.

Note: The Board has indicated that it will be scrutinizing total source reduction amounts greater than 5% of total generation. Please be prepared to provide additional details subsantiating your claim.

Diversion Activity Please use the Board's program types. The program type glossary is online at: http://www.ciwmb.ca.gov/lgcentral/paris/codes/reduce.htm	Actual tons (A)	Relative Percent to Total Generation (A/Total Generation)	Specific material type(s) (List operation w/multiple materials i one box)	Specific conversion factor used (if any) and Source	Type of record and location of record
Residential Activities:					
Source Reduction					
Backyard composting					City survey
Grasscycling		0.0%			
Other Residential source reduction (list each program separately)					
Garage Sales	0	0.0%	various	.35 tons/garage sale	City analysis of classified ads
Material Handlers - Diapers	50	0.0%	diapers	1 lb/each	Business survey
Thrift Stores summary	0	0.0%	various	425.7 tpy	
Enter program name		0.0%			
Enter program name		0.0%			
Subtotal Residential Source Reduction	**50**	**0.0%**			
Recycling					
Curbside Recycling	6179	1.9%	paper, co-mingled containers	actual	City report
Buyback centers	2790	0.9%	aluminum, glass, plastics	actual	Department of Conservation
Drop-off centers					

Diversion Activity Please use the Board's program types. The program type glossary is online at: http://www.ciwmb.ca.gov/lgcentral/paris/codes/reduce.htm	Actual tons (A)	Relative Percent to Total Generation (A/Total Generation)	Specific material type(s) (List operation w/multiple materials in one box)	Specific conversion factor used (if any) and Source	Type of record and location of record
Other Residential recycling (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Residential Recycling	**8969**	**2.8%**			
Composting					
Green waste drop-off					
Curbside green waste			See ADC		City report
Christmas Tree program					
Other Residential composting (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Residential Composting	**0**	**0.0%**			
Subtotal Residential Diversion	**9019**	**2.8%**			
Non-Residential Activities: **Source Reduction**					
Non-Residential Waste Audits*	3379	1.1%	**See Section 9**	**See Section 9**	**See Section 9**
Other non-Residential source reduction (list each program separately)					
City Grasscycling	3537	1.1%	grasscycling	350 lb/1000 sq ft/yr	Business survey
Material Handlers	8400	2.6%	produce, pallets	actual weight, interviews	City report
Enter program name					
Enter program name					
Enter program name					
Subtotal Non-Residential Source Reduction	**15316**	**4.8%**			

Diversion Activity Please use the Board's program types. The program type glossary is online at: http://www.ciwmb.ca.gov/lgcentral/paris/codes/reduce.htm	Actual tons (A)	Relative Percent to Total Generation (A/Total Generation)	Specific material type(s) (List operation w/multiple materials in one box)	Specific conversion factor used (if any) and Source	Type of record and location of record
Recycling					
Non-Residential Waste Audits*	112419	35.2%	**See Section 9**	**See Section 9**	**See Section 9**
Other non-Residential recycling (list each program separately)					
Tires	8	0.0%	tires	USEPA	Business survey
Material handlers	3138	1.0%	meat scap, wood mulch, paper	actual weight, interviews	City report
Commercial hauler	3025	0.9%	OCC, metal	actual weight, report from hauler	
City Survey	720	0.2%	toner cartridges, asphalt/concrete	actual weight, interviews	
Enter program name					
Subtotal Non-Residential Recycling	119311	37.4%			
Composting					
Non-Residential Waste Audits*	438	0.1%	**See Section 9**	**See Section 9**	**See Section 9**
Other non-Residential composting (list each program separately)					
Streets Dept. Landscape Debris	1581	0.5%	landscape debris	527 lb/cy	
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Non-Residential Composting	2019	0.6%			
Subtotal Non-Residential Diversion	136646	42.8%			
Residential/Non- Residential Diversion Activities					
ADC	10748	3.4%	ADC	Actual weight	CIWMB report
Sludge	0	0.0%	sewage sludge		
Scrap metal	0	0.0%	metal	actual weight	
Construction and demolition	0	0.0%	concrete/asphalt	actual weight	Business survey
Landfill salvage	0	0.0%	dirt	actaul weight	Business survey
Subtotal Residential/Non-Residential diversion	10748	3.4%			
Total Res/Non-Res Source Reduction Tons	15366	4.8%			
Total Diversion Tons	156414	49.0%			
Total Disposal Tons from Sec.7	162972	51.0%			
Total Generation Tons (Div+Dis)	319386				
Diversion Rate	49%				

9. Specific Non-Residential Sector Waste Audits-Top 10 Non-Residential Generators

Please complete this table for the top 10 non-residential generators that were surveyed. List each non-residential generator separately from largest to smallest, based total diversion tons. Audit reference number ties to your audit sheets.
(Form will perform all addition calculations).
Please provide an attachment 9 which includes all of the generators surveyed. Include for each generator (use type of generator in lieu of specific business name) diversion activity and material type and associated tonnage for each diversion activity/material type, and applicable conversion factors/sources. Include copies of survey form(s) used.

Type of Non-residential Generator	Audit Reference Number	Specific/Major Diversion Activities Include material type (e.g. paper recycling, grasscycling). (List activities on one line)	Source Reduction Tons	Recycling Tons	Composting Tons	Total Diversion Tons	Percent of Total Generation (Total Diversion Tons/Total Generation In [1]Section 8)	Survey Method Phone (P) Mail (M) On-site (O) Other ___
Produce Processing	HMSV01	Source reduction of Gaylord pallets; reuse of OCC, plastic totes; recycling of lettuce culls, OCC, waxed OCC.	1054	34339		35392.26	11.1%	O
Food Processing	EA67	Recycling: Vegetable waste, Source reduction: pallets	43	20900		20943.2	6.6%	O/P
Food Processor	Styles02	Recycling: produce cull		14300		14300	4.5%	O/P
Maintenance Yard	EA80	Recycling: cardboard, produce cull		10982		10982.4	3.4%	O/P
Produce Shipping	EA58	Recycling: Vegetable waste, cardboard, office paper Source reduction: pallets	548	10198		10745.1	3.4%	O/P
Box manufacturer	Styles03	Recycling: paper, wood scrap		10207		10206.9	3.2%	O/P
Cardboard Container Manufacturer	EA66	Source Reduction: Pallet, 5-gal buckets, 55 gal drum; Recycling: paper	25	2080		2105.2	0.7%	O/P
Food Processor	HMSV03	Source Reduction: Metal and plastic drums, plastic buckets, OCC, pallets; Recycling: Food waste, steel cans, OCC	2	1135		1136.646	0.4%	O
Retail Grocer	LP-30	Source Reduction: baked goods, pallets, plastic crates, OCC. Recycling: mixed plastic, OCC	20	524		543.374	0.2%	O
Retail Grocer	LP01	Source Reduction: Deli meat, baked goods, pallets, OCC , plastic tubs and crates, damaged items. Recycling: mixed plastics, OCC, produce scrap	78	407		484.395	0.2%	O
Totals			**1768.631**	**105070.844**		**106839.475**	33.5%	

Summarize the non-residential diversion activities for the top 10 generators quantification methodology, and applicable conversion factors and sources. (e.g. Cardboard recycling: quantified by monthly tonnage receipts provided by the contact person at the business)

The numbers below in parentheses correspond to the top ten generators above - numbered in order (1) through (10).

Cardboard: (1) 627 tons of fiber bales were recycled in 1999 by Recycled Fibers (included here since actual weight provided by business and subtracted from LP03 total). An additional 61 tons of unbaled OCC (actual weight provided by business) was recycled (zeroed out). (4) 422.4 tons, actual weight. (5) (EA58) This business recycled 108 tons of OCC , but it is not accounted for here, rather for the handler. (8) 1.43 tons of OCC through reuse @ 1.1 lb/each. 62.5 tons of OCC were recycled @ 100 lb/cy. (9) 50 bales/week @ 400 lb/bale is 520 tons of recycling. (10) 96 tons of OCC were backhauled, 40 bales/mo @400 lb/ea.

Waxed Cardboard: (1) (HMSV01) This business sent 747 tons of waxed OCC to CA Cedar Products for recycling in 1999 (actual weight provided by business). (10) 19.2 tons of waxed OCC were recycled, @ 400 lb/bale.

Reusable boxes: (1) 109.6 tons of collapsible OCC was reused (300 boxes/day @ 8lb.ea. divided by 4 reuses each). (9) This business reuses OCC boxes in-house. Assuming 1.1 lb/each, this adds 2 tons per year of reuse. (10) Using an in-house reuse program and a conversion factor of 2.2 lbs/each, this business source reduced 1.43 tons of OCC boxes.

Wood pallets: (1) 153 tons of Chep pallets (omitted from calculation) and 940 tons of Gaylord pallets were reused in 1999. A conversion factor of 75 lbs each for Ch pallets and 60 lbs/each for Gaylord pallets was used. 287 tons of broken pallets were also recycled (actual weight provided by business). (2) 864 tons of pallets were omitted from the calculation. (7) (EA66) This business source reduced 360 tons of pallets. (8) 20.8 tons of wood pallets reused (40 lb/ea). (9) This business reuses 100 pallets per day. Assuming 4 uses per pallet and the conversion factor of 40 pounds each, 156 tons of diversion result. (10) Assuming 40 pallets were reused per day and 40 lbs per pallet, this business added 249.6 tons/year of reuse diversion.

Plastic Pallets: (8) 0.8 tons of plastic pallets reused (40 lb/ea)

Plastic Bins: (1) Plastic bins were recycled, adding 14 tons of diversion (actual weight provided by business). 3.85 tons of diversion resulted from the source reduction of plastic totes (1.1 lb/each). (9) This business reuses plastic crates through in-house and distribution center programs. Assuming 1.1 pounds each, this adds 50 tons per year of diversion. (10) 7.8 tons of plastic tubs were reused, assuming 25 tubs/day and 2 lb/ea. 82.37 tons of plastic crates were reused, via a return program with the dairy provider @ 1.1 lb per crate.

Plastic Buckets: (7) 7.2 tons of 5 gal buckets, actual weight. (8) 0.22 tons of plastic buckets

Plastic Bags: (9) @ 4.8 pounds per 32 gal bag, this adds 4 tons of recycling of mixed plastics. (10) 3.3 tons of mixed plastic bags were sent to the corporate warehouse for recycling.

Produce culls: (1) This business recycled 32,662 tons of lettuce culls in 1999 by returning them to the fields. Data was actual weight reported on file at BVA. (2) (EA67) 20,900 tons of diversion was calculated and provided by the trucking company. (4) 10,560 tons cull, actual weight. (5) 9,984 tons per year of food waste calculated using actual tonnages from a weight ticket provided by the business.

Food Waste: (8) This business had 520 tons of scrap food waste hauled for recycling. This diversion was calculated through an actual weight tonnage provided by the business. (10) 288 tons of produce scrap were recycled using an actual weight tonnage provided by the grocer

Food Reuse/Donation: (9) This business donates bakery goods to the regional food bank. Using a conversion factor of 18 lbs/cubic ft., 10 tons per year of bakery goods are reused. (10) Two 33 gallon bags of bakery goods, 75 lb/ea, are donated to a local food bank totaling 23.4 tpy. Holiday Turkeys and Hams go to local shelters each year, 2.87 tons. Deli meat is reused into salads @ 60 lb/week or 1.44 tons of source reduction.

Donated goods: (10) 25 boxes per week of damaged can goods and miscellaneous damaged items are backhauled for a total 48.75 tpy.

Paper: (1) 2.1 tons of shredded paper was recycled @ 1.8 lb/gal. (3) 105.6 tons of office paper was included in handler tonnages. (6) 10,029 tons, actual weight. (7)

Paper: (1) 2.1 tons of shredded paper was recycled @ 1.8 lb/gal. (3) 105.6 tons of office paper was included in handler tonnages. (6) 10,029 tons, actual weight. (7) Assuming 400 pounds per bale and 200 bales/wk, 2,080 tons of paper waste are recycled.

Steel Cans: (8) 552.5 tons of steel cans were recycled (850 lb/cy)

Metal Drums(zeroed out): (7) 0.91 tons of 55 gal metal drums were reused @ 35 lb/ea. (8) This business source reduced 11.35 tons of metal drums.

Plastic Drums(zeroed out): (8) 6.8 tons of plastic drums

Wood: (6) 177.9 tons from 1080 cy@ 329.5 lb/cy, Tellus conversion.

10. For each restricted waste type [i.e., agricultural waste, inert solids, (e.g. concreter, asphalt, dirt, etc.) scrap metals and white goods (PRC Section 41781.2)] and associated program, please provide the following information:

a. If the diversion program started on or after January 1, 1990, complete the following table.
(Note: program name refers to one specific diversion program for that waste type; (e.g., diversion conducted by City Public Waste Dept).

Restricted Waste Type	Specific Program name	Year started	Tonnage
Inert Solids	Landfill Diversion	1997	9419
Inert Solids	Streets Department Concrete and Asphalt Recycling	1991	720
White Goods	Commercial White Goods Diversion (Appliances) - EA76		2
Scrap Metal	Commercial Metals Source Reduction (55 gal. drums)- zeroed out	Post-1990	13
Scrap Metal	Landfill Diversion - zeroed out		24
Scrap Metal	Commercial Hauler Scrap Metal - transfer station		16

b. If the diversion program started before January 1, 1990, on a separate sheet, marked attachment 10b, provide the following documentation: (Note: If documentation for a waste type and program has already been approved by the Board, you do not have to provide an attachment 10b for that waste type and program.
Instead please provide date of Board approval of preciously submitted information. _____ (Date)
If documentation is not available, go to 10d.

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion [PRC Sec. 41781.2 (c) (1)].
- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. (Note: this criterion is applicable to the entire jurisdiction, not to individual programs
[PRC Sec. 41781.2 (c) (2)]). Please include documentation.
- The jurisdiction is implementing, and will continue to implement, the diversion programs in its Source Reduction and Recycling Element.

c. If the diversion program started before January 1, 1990, and the documentation requested in 10b is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Type	Specific Program Name	New base year or reporting year diversion tonnage
Pull Down for Waste Types		
Pull Down for Waste Types		
Pull Down for Waste Types		
Pull Down for Waste Types		
Pull Down for Waste Types		

d. If the diversion program started before January 1, 1990, and the documentation requested in 10b is not available, please complete the table below for each program claimed. (***Note**: Only the difference between the new base year/reporting year and 1990 can be counted in the diversion rate calculation.)*

Restricted Waste Type	Specific Program name	New base year or reporting year tonnage	1990 diversion tonnage	Difference
Pull Down for Waste Types				
Pull Down for Waste Types				
Pull Down for Waste Types				
Pull Down for Waste Types				
Pull Down for Waste Types				
Pull Down for Waste Types				

Table 1 Documented Diversion by Generator

City of Salinas 1999

Ref. No.	Source	business		Matl. Type	Method	Qty.	Unit	Freq.	Factor	Tons /Period	Tons/Yr
Material Handlers											
JHHAUL2	[redacted]	Tallow Hauler	Commercial	Meat scrap	recycling	963	tons	year		963.23	963.2
JHHAUL3		Tallow Hauler	Commercial	Meat scrap	recycling	282	tons	year		281.50	281.5
JHHAUL13		Doc. distruct	Commercial	Shredded Paper	recycling	8	tons	year		8.22	8.2
JHHAUL16		Pallet hauler	Commercial	Pallets	source reduction	4,700	tons	year		4,700.00	4,700.0
JHHAUL17		Pallet hauler	Commercial	Pallets	source reduction	700	tons	year		700.00	700.0
JHHAUL22		Tree Service	Commercial	Wood mulch	recycling	95	tons	year		95.00	95.0
JHHAUL24		Tree Service	Commercial	Wood mulch	recycling	12	tons	year		12.00	12.0
JHHAUL25		Tree Service	Commercial	Wood mulch	recycling	31	tons	year		31.20	31.2
JHHAUL27		Tree Service	Commercial	Wood mulch	recycling	1	tons	year		1.00	1.0
JHHAUL29		Tree Service	Commercial	Wood mulch	recycling	380	tons	year	1	380.00	380.0
MN01		Thrift Store	residential	various	source reduction	8,514	tons	year		8,514.00	0.0
MN02		Flea Market	residential	various	source reduction	0	tons	year		0.00	0.0
HM01		Garage Sales	residential	various	source reduction	455	tons	year		455.00	0.0
HM02		diaper	residential	diapers	source reduction	50	tons	year	1lb/ea.	50.05	50.1
LP02		Pallet Mfg	Commercial	scrap wood	recycling	59	tons	year	329.53 lb cy	59.32	59.3
				steel strapping	recycling	7	tons	year	50 lb cy	7.00	7.0
				sawdust	recycling	105	tons	year	375 lb cy	105.00	105.0
LP03		Cardboard Rec	Commercial	Cardboard	recycling	1,195	tons	year		1,195.00	1,195.0
LP01		food donation	Commercial	produce	source reduction	3,000	tons	year		3,000.00	3,000.0
					Total Tonnage from Materials Handlers						**11,588.5**

Ecology Action

EA1	[redacted]	school		Grass Clippings	source reduction	2.70	tons	year		2.70	2.7
		school		Paper	source reduction	2.88	tons	year		2.88	2.9
		school		Paper	source reduction	0.06	tons	year		0.06	0.1
		school		Paper	source reduction	0.03	tons	year		0.03	0.0
EA2		school		Books	source reduction	2.00	tons	year		2.00	2.0
		school		Cardboard	recycling	20.80	tons	year		20.80	0.0
		school		Computers	source reduction	3	tons	year		3.00	3.0
		school		Furniture	source reduction	1	tons	year		1.00	1.0
		school		Office Paper	source reduction	33.75	tons	year		33.75	33.8
		school		Office Paper	source reduction	0.60	tons	year		0.60	0.6
		school		Office Paper	source reduction	0.30	tons	year		0.30	0.3
EA3		school		Office Paper	source reduction	3.54	tons	year		3.54	3.5
EA4		school		Grass Clippings	source reduction	3.50	tons	year		3.50	3.5
		school		Mixed Paper	recycling	3.15	tons	year		3.15	3.1
		school		Paper	source reduction	5.40	tons	year		5.40	5.4
		school		Paper	source reduction	0.03	tons	year		0.03	0.0

Table 1 Documented Diversion by Generator

City of Salinas 1999

Ref. No.	Source	business		Matl. Type	Method	Qty.	Unit	Freq.	Factor	Tons /Period	Tons/Yr
EA5	[redacted]	school		Paper	source reduction	0.75	tons	year		0.75	0.8
		school		Paper	source reduction	0.23	tons	year		0.23	0.2
		school		Paper	source reduction	0.03	tons	year		0.03	0.0
EA6		school		Office Paper	source reduction	0.68	tons	year		0.68	0.7
		school		Office Paper	source reduction	0.06	tons	year		0.06	0.1
		school		Office Paper	source reduction	0.02	tons	year		0.02	0.0
		school		Paper Towels	source reduction	0.49	tons	year		0.49	0.5
EA7		school		mixed paper	recycling	3.24	tons	year		3.24	3.2
		school		plastic bags	recycling	0.04	tons	year		0.04	0.0
EA8		school		Cardboard	recycling	7.80	tons	year		7.80	0.0
		school		Mixed Paper	recycling	15.73	tons	year		15.73	15.7
		school		Newspaper	recycling	6.62	tons	year		6.62	6.6
		school		Office Paper	source reduction	1.47	tons	year		1.47	1.5
		school		Office Paper	source reduction	0.03	tons	year		0.03	0.0
		school		Paper Towels	source reduction	0.49	tons	year		0.49	0.5
EA9		school		Cardboard	recycling	15.60	tons	year		15.60	0.0
		school		Grass Clippings	source reduction	8.75	tons	year		8.75	8.8
		school		Scratch Paper	source reduction	0.60	tons	year		0.60	0.6
EA10		school		Office Paper	source reduction	1.23	tons	year		1.23	1.2
		school		Office Paper	source reduction	0.03	tons	year		0.03	0.0
		school		Office/Computer Paper	source reduction	0.42	tons	year		0.42	0.4
EA11		school		Grass Clippings	source reduction	3.15	tons	year		3.15	3.2
		school		Mixed Paper	recycling	3.15	tons	year		3.15	3.1
		school		Paper	source reduction	2.25	tons	year		2.25	2.3
		school		Paper	source reduction	0.12	tons	year		0.12	0.1
EA12		school		Cardboard	recycling	10.40	tons	year		10.40	0.0
		school		Mixed Paper	recycling	2.36	tons	year		2.36	2.4
		school		Office Paper	source reduction	6.06	tons	year		6.06	6.1
		school		Office Paper	source reduction	0.06	tons	year		0.06	0.1
		school		Office Paper	source reduction	0.06	tons	year		0.06	0.1
EA13		school		Office Paper	source reduction	1.50	tons	year		1.50	1.5
		school		Office Paper	source reduction	0.08	tons	year		0.08	0.1
EA14		school		Junk Mail	source reduction	0.49	tons	year		0.49	0.5
		school		Newspaper	recycling	1.03	tons	year		1.03	1.0
		school		Office Paper	source reduction	1.38	tons	year		1.38	1.4
		school		Office Paper	source reduction	0.06	tons	year		0.06	0.1
		school		Pallets	source reduction	0.20	tons	year		0.20	0.0
		school		Paper Towels	source reduction	0.61	tons	year		0.61	0.6
EA15		school		Cardboard	recycling	3.90	tons	year		3.90	0.0
		school		Mixed Paper	recycling	14.82	tons	year		14.82	14.8
		school		Newspaper	recycling	0.78	tons	year		0.78	0.8
		school		Office Paper	source reduction	0.90	tons	year		0.90	0.9
		school		Office Paper	source reduction	0.06	tons	year		0.06	0.1

Table 1 Documented Diversion by Generator **City of Salinas 1999**

Ref. No.	Source	business		Matl. Type	Method	Qty.	Unit	Freq.	Factor	Tons /Period	Tons/Yr
EA16	[redacted]	school		Cardboard	recycling	5.20	tons	year		5.20	0.0
		school		Office Paper	source reduction	1.98	tons	year		1.98	2.0
EA17		school		Cardboard	recycling	5.20	tons	year		5.20	0.0
		school		Paper	source reduction	0.27	tons	year		0.27	0.3
		school		Paper	source reduction	0.30	tons	year		0.30	0.3
EA18		school		Paper	source reduction	0.99	tons	year		0.99	1.0
		school		Paper	source reduction	0.04	tons	year		0.04	0.0
		school		Paper	source reduction	0.12	tons	year		0.12	0.1
		school		Paper Towels	source reduction	0.41	tons	year		0.41	0.4
EA19		school		Grass Clippings	source reduction	5.25	tons	year		5.25	5.3
		school		Mail	source reduction	0.73	tons	year		0.73	0.7
		school		Office Paper	source reduction	0.60	tons	year		0.60	0.6
		school		Office Paper	source reduction	0.06	tons	year		0.06	0.1
EA20		school		Grass Clippings	source reduction	2.70	tons	year		2.70	2.7
		school		Paper	source reduction	0.30	tons	year		0.30	0.3
		school		Paper	source reduction	0.30	tons	year		0.30	0.3
EA21		school		Paper	source reduction	3.00	tons	year		3.00	3.0
		school		Paper	source reduction	0.06	tons	year		0.06	0.1
EA22		school		Cardboard	recycling	2.60	tons	year		2.60	0.0
		school		Grass Clippings	source reduction	2.63	tons	year		2.63	2.6
		school		Grass Clippings	source reduction	0.90	tons	year		0.90	0.9
		school		Mixed Paper	recycling	0.93	tons	year		0.93	0.9
		school		Office Paper	recycling	0.93	tons	year		0.93	0.9
		school		Paper	source reduction	0.23	tons	year		0.23	0.2
		school		Paper	source reduction	0.03	tons	year		0.03	0.0
EA23		school		Office Paper	source reduction	2.40	tons	year		2.40	2.4
		school		Office Paper	source reduction	0.30	tons	year		0.30	0.3
EA24		school		cardboard	recycling	7.80	tons	year		7.80	0.0
		school		Office Paper	source reduction	1.50	tons	year		1.50	1.5
		school		Office Paper	source reduction	8.10	tons	year		8.10	8.1
		school		Pallets	source reduction	0.90	tons	year		0.90	0.0
		school		Paper	recycling	6.29	tons	year		6.29	6.3
EA25		school		Cardboard	recycling	5.20	tons	year		5.20	0.0
		school		Paper	source reduction	0.15	tons	year		0.15	0.2
		school		Paper	source reduction	0.30	tons	year		0.30	0.3
		school		Paper	recycling	6.29	tons	year		6.29	6.3
		school		Styrofoam Peanuts	source reduction	0.01	tons	year		0.01	0.0

Table 1 Documented Diversion by Generator

City of Salinas 1999

Ref. No.	Source	business		Matl. Type	Method	Qty.	Unit	Freq.	Factor	Tons /Period	Tons/Yr
EA26	[redacted]	school		Cardboard	recycling	5.20	tons	year		5.20	0.0
		school		Furniture	source reduction	0.10	tons	year		0.10	0.1
		school		Grass clippings	source reduction	10.08	tons	year		10.08	10.1
		school		Paper	source reduction	1.35	tons	year		1.35	1.4
		school		Paper	source reduction	0.24	tons	year		0.24	0.2
		school		paper	recycling	19.76	tons	year		19.76	19.8
EA27		school		Cardboard	recycling	1.30	tons	year		1.30	0.0
		school		Cardboard Boxes	source reduction	0.07	tons	year		0.07	0.1
		school		Grass	source reduction	0.18	tons	year		0.18	0.2
		school		Office Paper	source reduction	0.06	tons	year		0.06	0.1
EA28		school		Cardboard	recycling	20.80	tons	year		20.80	0.0
		school		Office Paper	source reduction	1.80	tons	year		1.80	1.8
		school		Office Paper	source reduction	0.18	tons	year		0.18	0.2
		school		Office/Computer Paper	source reduction	0.03	tons	year		0.03	0.0
EA29		school		Cardboard	recycling	0.26	tons	year		0.26	0.0
		school		Grass Clippings	source reduction	1.58	tons	year		1.58	1.6
		school		Newspaper	recycling	0.26	tons	year		0.26	0.3
		school		Paper	source reduction	0.27	tons	year		0.27	0.3
		school		Paper	source reduction	0.15	tons	year		0.15	0.2
		school		Paper	source reduction	0.03	tons	year		0.03	0.0
		school		Paper	recycling	0.05	tons	year		0.05	0.0
EA30		school		Cardboard	recycling	2.60	tons	year		2.60	0.0
		school		Glass	recycling	0.58	tons	year		0.58	0.0
		school		Grass clippings	source reduction	2.63	tons	year		2.63	2.6
		school		Leaves	source reduction	0.02	tons	year		0.02	0.0
		school		Mixed Paper	recycling	1.57	tons	year		1.57	1.6
		school		Office Paper	recycling	1.57	tons	year		1.57	1.6
		school		Paper	source reduction	1.77	tons	year		1.77	1.8
		school		Paper	source reduction	0.12	tons	year		0.12	0.1
		school		Paper	source reduction	0.03	tons	year		0.03	0.0
		school		Paper	source reduction	0.36	tons	year		0.36	0.4
		school		Styrofoam Peanuts	source reduction	0.01	tons	year		0.01	0.0
EA31		school		Cardboard	recycling	10.40	tons	year		10.40	0.0
		school		Office Paper	source reduction	0.60	tons	year		0.60	0.6
EA32		school		Cardboard	recycling	7.80	tons	year		7.80	0.0
		school		Grass Clippings	source reduction	10.08	tons	year		10.08	10.1
		school		Paper	source reduction	1.88	tons	year		1.88	1.9
EA33		school		Grass Clippings	source reduction	1.40	tons	year		1.40	1.4
		school		Grass Clippings	source reduction	1.50	tons	year		1.50	1.5
		school		Mixed Paper	recycling	3.15	tons	year		3.15	3.1
		school		Office Paper	recycling	3.15	tons	year		3.15	3.1
		school		Paper	source reduction	0.36	tons	year		0.36	0.4
		school		Paper	source reduction	0.15	tons	year		0.15	0.2

Table 1 Documented Diversion by Generator

City of Salinas 1999

Ref. No.	Source	business		Matl. Type	Method	Qty.	Unit	Freq.	Factor	Tons /Period	Tons/Yr
EA34	[redacted]	school		Office Paper	source reduction	4.50	tons	year		4.50	4.5
		school		Office Paper	source reduction	1.80	tons	year		1.80	1.8
EA35		school		Office Paper	source reduction	1.14	tons	year		1.14	1.1
		school		Office Paper	source reduction	0.03	tons	year		0.03	0.0
		school		Paper	recycling	6.29	tons	year		6.29	6.3
EA36		school		Grass Clippings	source reduction	2.19	tons	year		2.19	2.2
		school		Mixed Paper	recycling	6.29	tons	year		6.29	6.3
		school		paper	source reduction	1.35	tons	year		1.35	1.4
		school		paper	source reduction	0.15	tons	year		0.15	0.2
EA37		school		Office Paper	source reduction	1.68	tons	year		1.68	1.7
		school		Office Paper	source reduction	0.15	tons	year		0.15	0.2
EA38		school		Cardboard	recycling	20.80	tons	year	1	20.80	0.0
		school		Grass Clippings	source reduction	8.75	tons	year		8.75	8.8
		school		Office Paper	source reduction	0.63	tons	year		0.63	0.6
		school		Office Paper	source reduction	0.03	tons	year		0.03	0.0
EA39		school		Cardboard	recycling	0.26	tons	year		0.26	0.0
		school		Grass Clippings	source reduction	0.96	tons	year		0.96	1.0
		school		Mixed Paper	recycling	1.57	tons	year		1.57	1.6
		school		Office paper	recycling	1.57	tons	year		1.57	1.6
		school		Paper	source reduction	0.18	tons	year		0.18	0.2
		school		Paper	source reduction	0.02	tons	year		0.02	0.0
		school		Paper	source reduction	0.03	tons	year		0.03	0.0
EA40		school		Paper	source reduction	0.09	tons	year		0.09	0.1
		school		Paper	source reduction	0.06	tons	year		0.06	0.1
EA41		school district		Envelopes	source reduction	0.01	tons	year		0.01	0.0
		school district		Pallets	source reduction	4.80	tons	year		4.80	0.0
		school district		Paper	source reduction	0.07	tons	year		0.07	0.1
		school district		Paper	source reduction	0.02	tons	year		0.02	0.0
		school district		Paper	source reduction	0.00	tons	year		0.00	0.0
		school district		Plastic Containers	source reduction	0.06	tons	year		0.06	0.0
EA42		school district	commercial	Newspaper	recycling	1.03	tons	year		1.03	1.0
			commercial	Office Paper	source reduction	0.48	tons	year		0.48	0.5
EA43		nursery	commercial	cardboard	recycling	10.40	tons	year		10.40	0.0
			commercial	Food	source reduction	0.18	tons	year		0.18	0.2
EA44		retail	commercial	Cardboard	recycling	7.80	tons	year		7.80	0.0
EA45		Produce Coool	commercial	Pallets	source reduction	72.00	tons	year		72.00	0.0
EA46		Produce Coool	commercial	Aluminum	recycling	0.25	tons	year		0.25	0.0
EA47		Produce Packir	commercial	Cardboard	recycling	39.00	tons	year		39.00	0.0
			commercial	Mixed Paper	recycling	118.56	tons	year		118.56	118.6
EA48		vendor	commercial	cardboard	recycling	26.00	tons	year		26.00	0.0
			commercial	Pallets	source reduction	6.00	tons	year		6.00	0.0
EA49		bank	commercial	Paper	recycling	19.76	tons	year		19.76	19.8
EA50		Produce Packir	commercial	Aluminum	recycling	2.13	tons	year		2.13	0.0

Table 1 Documented Diversion by Generator

City of Salinas 1999

Ref. No.	Source	business		Matl. Type	Method	Qty.	Unit	Freq.	Factor	Tons /Period	Tons/Yr
EA51	[redacted]	cont. EA50	commercial	Cardboard	recycling	5.20	tons	year		5.20	0.0
			commercial	Office Paper	recycling	3.15	tons	year		3.15	0.0
			commercial	oil	recycling	0.21	tons	year		0.21	0.0
EA52		Industrial Supp	commercial	Cardboard	recycling	13.26	tons	year		13.26	0.0
			commercial	Office Paper	recycling	2.36	tons	year		2.36	2.4
			commercial	Styrofoam	source reduction	0.02	tons	year		0.02	0.0
EA53		college	commercial	Cardboard	recycling	7.80	tons	year		7.80	0.0
			commercial	office Paper	recycling	3.15	tons	year		3.15	3.1
EA54		Financial Servi	commercial	Cardboard	recycling	26.00	tons	year		26.00	26.0
			commercial	Magazines/newspapers	recycling	4.94	tons	year		4.94	4.9
			commercial	Mixed Paper	recycling	128.44	tons	year		128.44	128.4
			commercial	Shrink Wrap	recycling	1.56	tons	year	1	1.56	1.6
			commercial	White Ledger	recycling	118.56	tons	year		118.56	118.6
			commercial	Bubble Wrap	source reduction	2.56	tons	year		2.56	2.6
			commercial	Pallets	source reduction	6.00	tons	year		6.00	6.0
			commercial	Styrofoam	source reduction	0.10	tons	year		0.10	0.1
EA55		Microchip Mar	commercial	Cardboard	recycling	26.00	tons	year		26.00	26.0
			commercial	Mixed Paper	recycling	6.14	tons	year		6.14	6.1
			commercial	Tin Cans	recycling	1.29	tons	year		1.29	1.3
			commercial	Wood Pieces	recycling	364.00	tons	year		364.00	364.0
EA56		food processor	commercial	Cardboard	recycling	0.00	tons	year		0.00	0.0
EA57		manufacturer	commercial	Pallets	source reduction	2.88	tons	year		2.88	0.0
EA58		Produce Shippi	commercial	Cardboard	recycling	108.00	tons	year		108.00	108.0
			commercial	Office Paper	recycling	105.60	tons	year		105.60	105.6
			commercial	Food	recycling	9984.00	tons	year		9,984.00	9,984.0
			commercial	Pallets	source reduction	547.50	tons	year		547.50	547.5
EA59		Seasoning man	commercial	Cardboard	recycling	96.20	tons	year		96.20	96.2
			commercial	Mixed Paper	recycling	4.94	tons	year		4.94	4.9
			commercial	Film Plastic Bale	recycling	93.60	tons	year	800 lb bale	93.60	93.6
			commercial	Cardboard	recycling	422.40	tons	year		422.40	422.4
			commercial	Pallets- 40x48 reuse	source reduction	35.00	tons	year	40 lb/ez	35.00	35.0
			commercial	Pallets, 40x48 repair	source reduction	3.50	tons	year	41 lb/ez	3.50	3.5
			commercial	Pallets, 54x54 repair	source reduction	6.56	tons	year	42 lb/ez	6.56	6.6
			commercial	Cardboard	source reduction	62.40	tons	year		62.40	62.4
EA60		Financial Servi	commercial	Office Paper	recycling	0.74	tons	year		0.74	0.7
EA61		Seed Distributo	commercial	Magazines	recycling	0.01	tons	year		0.01	0.0
			commercial	seeds	recycling	0.25	tons	year		0.25	0.3
			commercial	seeds	recycling	0.15	tons	year		0.15	0.2
			commercial	Pallets	source reduction	2.40	tons	year		2.40	0.0
EA62		Small Retail	commercial	Cardboard	recycling	7.80	tons	year		7.80	0.0
EA63		realtor	commercial	aluminum	recycling	0.50	tons	year		0.50	0.0

Table 1 Documented Diversion by Generator

City of Salinas 1999

Ref. No.	Source	business		Matl. Type	Method	Qty.	Unit	Freq.	Factor	Tons /Period	Tons/Yr
EA64	[redacted]	health care	commercial	Aluminum	recycling	1.86	tons	year		1.86	0.0
			commercial	Cardboard	recycling	104.00	tons	year		104.00	0.0
			commercial	Paper	recycling	15.73	tons	year		15.73	15.7
			commercial	Tins Cans	recycling	3.23	tons	year		3.23	3.2
			commercial	55 Gallon Buckets	source reduction	2.70	tons	year		2.70	2.7
			commercial	Office Paper	source reduction	450.00	tons	year		450.00	450.0
			commercial	Pallets	source reduction	0.30	tons	year		0.30	0.3
EA65		training center	commercial	Cardboard	recycling	24.00	tons	year		24.00	0.0
			commercial	Pallets	source reduction	4.80	tons	year		4.80	4.8
EA66		Cardboard Con	commercial	5 Gallon Buckets	source reduction	7.20	tons	year		7.20	7.2
			commercial	55 gal metal drums	source reduction	0.91	tons	year	35 lb	0.91	0.0
			commercial	baled paper waste	recycling	2080.00	tons	year	400 lb	2,080.00	2,080.0
			commercial	Pallets	source reduction	18.00	tons	year		18.00	18.0
EA67		Produce Packir	commercial	Pallets	source reduction	43.20	tons	year		43.20	43.2
			commercial	Vegetable Waste	recycling	20900.00	tons	year		20,900.00	20,900.0
EA68		pallet handler	commercial	Wood Chips from Pallets	recycling	3240.00	tons	year		3,240.00	3,240.0
EA69		Apartment Con	commercial	aluminum	recycling	0.49	tons	year		0.49	0.0
EA70		Apartment Con	commercial	Mixed paper	recycling	6.29	tons	year		6.29	6.3
			commercial	Tin cans	recycling	0.52	tons	year		0.52	0.5
EA71		Apartment Con	commercial	aluminum	recycling	0.72	tons	year		0.72	0.0
			commercial	Glass	recycling	14.40	tons	year		14.40	0.0
EA72		Apartment Con	commercial	Grass	source reduction	0.09	tons	year		0.09	0.1
			commercial	Office Paper	source reduction	0.21	tons	year		0.21	0.2
EA73		Apartment Con	commercial	Grass Clippings	source reduction	0.09	tons	year		0.09	0.1
			commercial	Office Paper	source reduction	0.21	tons	year		0.21	0.2
EA74		Apartment Con	commercial	Mixed paper	recycling	9.44	tons	year		9.44	9.4
			commercial	Tin cans	recycling	3.56	tons	year		3.56	3.6
EA75		Apartment Con	commercial	Aluminum	recycling	0.05	tons	year		0.05	0.0
			commercial	Cardboard	recycling	0.65	tons	year		0.65	0.0
			commercial	Clothing	recycling	0.07	tons	year		0.07	0.1
EA76		Apartment Con	commercial	Appliances	source reduction	2.00	tons	year		2.00	2.0
			commercial	Cardboard Boxes	source reduction	0.10	tons	year		0.10	0.1
			commercial	Furniture	source reduction	0.25	tons	year		0.25	0.3
EA77		City	City	Aluminum	recycling	0.19	tons	year		0.19	0.0
			City	Cardboard	recycling	10.40	tons	year		10.40	0.0
			City	Cardboard	recycling	16.64	tons	year		16.64	0.0
			City	concrete	recycling	290.16	tons	year		290.16	290.2
			City	paper	recycling	39.52	tons	year		39.52	39.5
			City	wood	recycling	31.20	tons	year		31.20	31.2
			City	Office Paper	source reduction	0.03	tons	year		0.03	0.0
EA78		City	City	Cardboard	recycling	0.26	tons	year		0.26	0.0
			City	Mixed Paper	recycling	0.12	tons	year		0.12	0.1

Table 1 Documented Diversion by Generator

City of Salinas 1999

Ref. No.	Source	business		Matl. Type	Method	Qty.	Unit	Freq.	Factor	Tons /Period	Tons/Yr
EA79	[redacted]	Gym & offices	City	Cardboard	recycling	7.80	tons	year		7.80	0.0
			City	Mixed Paper	recycling	4.94	tons	year		4.94	4.9
EA80		Maintenance yard		Cardboard	recycling	422.40	tons	year		422.40	422.4
				produce cull	recycling	10560.00	tons	year		10,560.00	10,560.0
EA81		Event Center		cardboard	recycling	10.40	tons	year		10.40	0.0
				Pallets	source reduction	13.20	tons	year		13.20	0.0
EA82		Community College		Grass Clippings	source reduction	4.20	tons	year		4.20	4.2
EA83		School		Mixed Paper	recycling	12.58	tons	year		12.58	12.6
				Furniture	source reduction	0.25	tons	year		0.25	0.3
				Office Paper	source reduction	4.20	tons	year		4.20	4.2
				Office Paper	source reduction	0.45	tons	year		0.45	0.5
EA84		gov't	commercial	Cardboard	recycling	1.30	tons	year	1	1.30	0.0
			commercial	Mixed Paper	recycling	0.39	tons	year		0.39	0.4
			commercial	Office Paper	recycling	0.39	tons	year		0.39	0.4
			commercial	Office Paper	source reduction	0.06	tons	year		0.06	0.1
EA85		gov't	commercial	office Paper	source reduction	0.75	tons	year		0.75	0.8
			commercial	Pallets	source reduction	0.96	tons	year		0.96	0.0
EA86		Apartment Complex		aluminum	recycling	2.61	tons	year		2.61	0.0
				Paper	recycling	18.88	tons	year		18.88	18.9
					Total Tonnage from Ecology Action						**50,776**

Site Visits

LP01	[redacted]	Retail Grocer	commercial	mixed plastics	recycling	3.3	tons	year	Actual Weigh	3.30	3.3
				cardboard bale	recycling	96	tons	year	400 lb	96.00	96.0
				produce scrap	recycling	288	tons	year	Actual Weigh	288.00	288.0
				deli grease, tallow	recycling	0	tons	year	7.45 lb gal	0.00	0.0
				deli chicken	source reduction	1.44	tons	year	Actual Weigh	1.44	1.4
				bakery goods	source reduction	23.4	tons	year	Actual Weigh	23.40	23.4
				damaged items	source reduction	48.75	tons	year	75 lb box of	48.75	48.8
				Holiday Hams & Turkey	source reduction	2.875	tons	year	10 lb	2.88	2.9
				Pallets (wood and plastic	source reduction	62.4	tons	year	40 lb	62.40	0.0
				Cardboard box	source reduction	1.43	tons	year	2.2 lb	1.43	1.4
				Plastic Tubs	source reduction	7.8	tons	year	2 lb tub	7.80	0.0
				Plastic Crates	source reduction	82.37	tons	year	1.1 lb crate	82.37	0.0
				cardboard bale	recycling	19.2	tons	year	400 lb	19.20	19.2
LP02		packaging	commercial	spinach waste	recycling	369	tons	year	Actual Weigh	369.00	369.0
				paper	recycling	2.6	tons	year	25.41 lb/30 g	2.60	2.6
				plastic drums	source reduction	2.4	tons	year	15 lb	2.40	0.0
				pallets	source reduction	15.59	tons	year	40 lb	15.59	0.0
				55-gal drums	source reduction	0.54	tons	year	30 lb	0.54	0.0

Table 1 Documented Diversion by Generator

City of Salinas 1999

Ref. No.	Source	business		Matl. Type	Method	Qty.	Unit	Freq.	Factor	Tons /Period	Tons/Yr
LP03	[redacted]	Mfg.	commercial	cardboard	recycling	0	tons	year	Actual Weigh	0.00	0.0
				wood	recycling	12	tons	year	Actual Weigh	12.00	12.0
				skid pallets	source reduction	12	tons	year	60 lb	12.00	0.0
				skid pallets	recycling	2.7	tons	year	60 lb	2.70	0.0
HMSV01		salad processor	commercial	waxed OCC	recycling	747	tons	year	Actual Weigh	747.00	747.0
				Chep pallets	source reduction	153	tons	year	75lb/ea	152.70	0.0
				Gaylord pallets	source reduction	940	tons	year	60lb/ea	940.11	940.1
				plastic bins	recycling	14	tons	year	Actual Weigh	14.00	14.0
				broken pallets	recycling	287	tons	year	Actual Weigh	286.60	286.6
				fiber bales	recycling	627	tons	year	Actual Weigh	627.00	627.0
				lettuce cull	recycling	32662	tons	year	weight ticket	32,662.00	32,662.0
				unbaled OCC	recycling	61	tons	year	Actual Weigh	61.00	0.0
				OCC- collapsible	SR/reuse	109.6	tons	year	8lb/ea	109.60	109.6
				plastic totes	SR	3.85	tons	year	1.1	3.85	3.9
				shredded paper	recycling	2.1	tons	year	1.8lb/gal	2.10	2.1
HMSV02		mall mgmt	commercial	OCC	recycling	0	tons	year		0.00	0.0
				pallets	SR/reuse	23.92	tons	year	40lb/ea	23.92	0.0
				pallets	SR/reuse	6.24	tons	year	40lb/ea	6.24	0.0
		retail		OCC	SR/reuse	2.4	tons	year	2.2lb/ea	2.40	2.4
				damaged items	SR/reuse	416	lbs	year	8lb/wk	0.21	0.2
		retail		pallets	SR/reuse	3.12	tons	year		3.12	0.0
		retail		paper	recycling	100	lbs	year	.77lb/gal	0.05	0.1
HMSV03		food processor	commercial	metal drums	SR/reuse	11.35	tons	year		11.35	0.0
				plastic drums	SR/reuse	6.8	tons	year		6.80	0.0
				food waste	recycling	520	tons	year	Actual Weigh	520.00	520.0
				oil -vegetable	recycling	0	tons	year		0.00	0.0
				plastic buckets	SR/reuse	432	lbs	year		0.22	0.2
				steel cans	recycling	552.5	tons	year	850lb/cy	552.50	552.5
				OCC	SR/reuse	1.43	tons	year	1.1lb/ea	1.43	1.4
				OCC	recycling	62.5	tons	year	100lb/cy	62.50	62.5
				plastic pallets	SR/reuse	1600	lbs	year	40lb/ea	0.80	0.0
				wood pallets	SR/reuse	20.8	tons	year	40lb/ea	20.80	0.0
HMSV04		retail	commercial	OCC	recycling	64.9	tons	year	400.b/ea	64.90	64.9
				canned food	SR/donation	1.6	tons	year	Actual Weigh	1.60	1.6
				Chep pallets	SR/reuse	39	tons	year		39.00	0.0
				wood pallets	SR/reuse	1.95	tons	year		1.95	2.0
				OCC	SR	0.08	tons	year	1.1lb/ea	0.08	0.1
				Repak boxes	SR	0.19	tons	year	1,1 lb/ea	0.19	0.2
				milk case	SR/reuse	3.9	tons	year	2.5lb/ea	3.90	0.0
				soda crate	SR/reuse	2.18	tons	year	1.2lb/ea	2.18	0.0
				Frito Lay box	SR/reuse	0	tons	year		0.00	0.0

Table 1 Documented Diversion by Generator

City of Salinas 1999

Ref. No.	Source	business		Matl. Type	Method	Qty.	Unit	Freq.	Factor	Tons /Period	Tons/Yr
HMSV05	[redacted]	retail	commercial	OCC	recycling	20.8	tons	year		20.80	20.8
				computer paper	recycling	0.48	tons	year		0.48	0.5
				OCC	SR	2.7	tons	year	1.1lb/ea	2.70	2.7
				wood pallets	SR/reuse	7	tons	year		7.00	7.0
				plastic pallets	SR/reuse	52	tons	year		52.00	0.0
				OCC	SR	0.09	tons	year	1.1lb/ea	0.09	0.1
				soda crate/trays	SR/reuse	1.2	tons	year	1.2lb/ea	1.20	0.0
				plant trays	SR/reuse	4.84	tons	year	.4lb/ea	4.84	4.8
					Total Tonnage from Site Visits						**37,504.2**

Department of Conservation

RC1485		recycler	Residential	Aluminum	recycling	47,101.00	lbs	year	1	23.55	23.6
		recycler	Residential	Glass	recycling	151,750.00	lbs	year		75.88	75.9
		recycler	Residential	Plastic	recycling	10,356.00	lbs	year		5.18	5.2
RC5374		recycler	Residential	Aluminum	recycling	59,301.00	lbs	year		29.65	29.7
		recycler	Residential	Glass	recycling	235,040.00	lbs	year		117.52	117.5
		recycler	Residential	Plastic	recycling	23,579.00	lbs	year		11.79	11.8
RC6997		recycler	Residential	Aluminum	recycling	370,685.00	lbs	year		185.34	185.3
		recycler	Residential	Glass	recycling	810,840.00	lbs	year		405.42	405.4
		recycler	Residential	Plastic	recycling	56,245.00	lbs	year		28.12	28.1
RC7069		recycler	Residential	Aluminum	recycling	25,352.00	lbs	year		12.68	12.7
		recycler	Residential	Glass	recycling	106,590.00	lbs	year		53.30	53.3
		recycler	Residential	Plastic	recycling	7,952.00	lbs	year		3.98	4.0
RC7818		recycler	Residential	Aluminum	recycling	193,516.20	lbs	year		96.76	96.8
		recycler	Residential	Glass	recycling	869,589.10	lbs	year		434.79	434.8
		recycler	Residential	Plastic	recycling	45,970.70	lbs	year		22.99	23.0
RC9061		recycler	Residential	Aluminum	recycling	458,022.00	lbs	year		229.01	229.0
		recycler	Residential	Plastic	recycling	37,260.00	lbs	year		18.63	18.6
RC9893		recycler	Residential	Aluminum	recycling	594,452.90	lbs	year		297.23	297.2
		recycler	Residential	Glass	recycling	1,378,551.20	lbs	year		689.28	689.3
		recycler	Residential	Plastic	recycling	97,903.00	lbs	year		48.95	49.0
					Total Tonnage from Dept. of Conservation						**2,790.0**

Franchise Hauler

RA01	Salinas Disposal	Hauler	Residential	Cardboard	recycling	1,242	tons	year		1,241.79	1,241.8
			Residential	Newspaper	recycling	2,703	tons	year		2,703.20	2,703.2
			Residential	Mixed paper	recycling	943	tons	year		943.14	943.1
			Residential	Tin/steel cans	recycling	165	tons	year		164.95	165.0
			Residential	Aluminum cans	recycling	29	tons	year		28.74	28.7
			Residential	PET plastic	recycling	99	tons	year		99.34	99.3
			Residential	HDPE plastic	recycling	137	tons	year		137.14	137.1
			Residential	Mixed plastic	recycling	68	tons	year		67.79	67.8
			Residential	Glass	recycling	793	tons	year		792.87	792.9

Table 1 Documented Diversion by Generator

City of Salinas 1999

Ref. No.	Source	business		Matl. Type	Method	Qty.	Unit	Freq.	Factor	Tons /Period	Tons/Yr
SVSWA1	Salinas Transfer Station		Commercial	Cardboard	recycling	3,008	tons	year		3,008	3,008
SVSWA2	Salinas Transfer Station		Commercial	Metal	recycling	16	tons	year		16.42	16.4
				Total Tonnage from Franchise Hauler							**9,203.7**
Business Surveys											
LP-11	[redacted]	Aviation Svc		Cardboard	recycling	1,800	lbs	year	Actual weight		0.0
				Tires	recycling	1,200	lbs	year	20 lb		0.6
LP-12		Retail		sawdust	source redustion	36,000	lbs	year	375 lb cu yd.		18.0
				wood scrap	recycling	18,000	lbs	year	Actual weight		9.0
				pallets	source reduction	51,840	lbs	year	40 lb		0.0
				cardboard	recycling	12	tons	year	Actual weight		12.0
LP-13		Packaging		cardboard	recycling	0	tons	year	Actual weight		0.0
				plastic strapping	source reduction	4	tons	year	Actual weight		4.0
				pallets	source reduction	13	tons	year	40 lb		0.0
LP-14		Produce Processing		asparagus cull	recycling	72	tons	year	Actual weight		72.0
				asparagus cull	source reduction: spr	18	tons	year	Actual weight		18.0
LP-15		Seed Processor		cardboard	recycling	4	tons	year	Actual weight		4.2
				aluminum	recycling	120	lbs	year	Actual weight		0.0
LP-16		Seed Processor		cardboard	recycling	8,400	lbs	year	Actual weight		0.0
LP-17		Retail		cardboard bin	recycling	0	tons	year	50.03 lb/yd		0.0
LP-18		Equipment supply		cardboard bin	recycling	7,212	lbs	year	50.03 lb		0.0
				packaging peanuts	source reduction	600	lbs	year	Actual weight		0.3
				mixed paper	source reduction	900	lbs	year	Actual weight		0.5
LP-19		Seed Processor		pallets	source reduction	2	tons	year	40 lb		1.9
LP-20		Electronics -Retail		cardboard bale	recycling	19	tons	year	400 lb		19.2
LP-21		Packaging		pallets	source reduction	15	tons	year	40 lb		14.6
LP-22		Package Produce		pallets	source reduction	19	tons	year	40 lb		0.0
				cardboard	recycling	5,200	lbs	year	100 lb/day		0.0
LP-23		Moving Vans		30 yd cardboard bin	recycling	18	tons	year	50.03 lb		0.0
				cardboard box	source reduction	12,019	lbs	year	50.03 lb		6.0
				tires	recycling	1,000	lbs	year	100 lb		0.5
LP-24		Museum / Conference		cardboard bin	recycling	7,204	lbs	year	50.03 lb cy		0.0
LP-25		Farming supplies		cardboard bale	recycling	384	tons	year	400 lb		384.0
				pallets	source reduction	34	tons	year	40 lb		33.6
LP-26		Paper Dist.		cardboard cartons	source reduction	24	tons	year	4 lb		24.0
				cardboard	recycling	2	tons	year	50.03 lb		0.0
LP-27		Produce Processing		pallets	source reduction	168	tons	year	40 lb		0.0
				Produce	recycling	5	tonss	year	10, 1,000 lb bins		5.0
				plastic lettuce bins	source reduction	1	tons	year	2 lb		0.8

Table 1 Documented Diversion by Generator

City of Salinas 1999

Ref. No.	Source	business		Matl. Type	Method	Qty.	Unit	Freq.	Factor	Tons /Period	Tons/Yr
LP-28	[redacted]	Retail Sales		cardboard bales	recycling	250	tons	year	400 lb		249.6
				mixed white paper	recycling	12	tons	year	.77lb/gal		12.1
				pallets	source reduction	8	tons	year	40 lb		7.8
				salvaged goods	source reduction	52	tons	year	2000 lbs/ wk		52.0
				mixed plastic	source reduction	1	tons	year	Actual weight		0.7
				aluminum cans 33 gal. b	recycling	2	tons	year	14.6 lb (crushed and uncrush		0.0
LP-29		Retail Sales		cardboard bales	recycling	0	tons	year	400 lb		0.0
				pallets	source reduction	5	tons	year	40 lb		4.5
				2' plastic crates	source reduction	9	tons	year	1.1 lb		0.0
				sm. Cardboard box	source reduction	9	tons	year	1.1 lb		8.6
				damaged goods	source reduction	156	tons	year	1000 lb goods/ pallet		156.0
				donated clothing	source reduction	1	tons	year	10 lb bag		1.0
				aluminum cans 33 gal. b	recycling	8	tons	year	14.6 lb (crushed and uncrush		0.0
				med.cardboard box	source reduction	9	tons	year	2.2 lb		8.6
LP-30		Retail-Grocer		mixed plastic	recycling	4	tons	year	4.8 lb, 32 gal bag		3.7
				cardboard bales	recycling	520	tons	year	400 lb bale		520.0
				pallets	source reduction	8	tons	year	40 lb		7.8
				Tallow	recycling	0	tons	year	410 lb, 55 gal drum		0.0
				Bakery goods	source reduction	10	tons	year	18 lb per cu.ft		9.8
				plastic crates	source reduction	50	tons	year	1.1 lb		0.0
				sm cardboard box	source reduction	2	tons	year	1.1 lb		2.0
LP-31		Moving Vans		cardboard	recycling	8	tons	year	50.08 lb cu yd.		8.0
				cardboard box	source reduction	1	tons	year	2.2 lb		0.7
LP-32		Satelite Warehouse		damaged goods	source reduction	66	tons	year	22 lb case		66
				damaged goods	source reduction	66	tons	year	22 lb case		66
				cardboard box/plastic cr	SR/Reuse	6.6	tons	year	2.2 lb		6.6
LP-33		Retail-Grocer		cardboad bales	recycling	145.6	tons	year	400 lb bale		145.6
				donated goods	SR/Reuse	16.38	tons	year	20 lb box		16.38
				produce	recycling	100.1	tons	year	550 lbs per pallet		100.1
				deli meats	recycling	0	tons	year	55 gal drums		0
				pallets	SR/Reuse	81.9	tons	year	40 lb		0
				cardboard boxes	SR/Reuse	7.28	tons	year	4 lb box		7.28
				cardboard boxes	SR/Reuse	4	tons	year	2.2 lb box		4
				plastic milk crates	SR/Reuse	80.08	tons	year	2 lb crate		0
				deli foods	SR/Reuse	0.91	tons	year	5 lbs/day		0.91
LP-34		Retail		cardboard	recycling	45	tons	year	500 lb bale		45
GT-01		Retail-Department Store		cardboard box	SR/Reuse	14.4	tons	year	50lbs/cu yd		14.4
				plastic packaging	recycling	2.07	tons	year	4.8 lbs/32 gal		2.07
				hangers	SR/Reuse	16.64	tons	year	40lbs/cu yd		16.64
				damaged goods	source reduction	6.48	tons	year	30 lb box		6.48
				toner cartridges	recycling	0.015	tons	year	2.5 lb		0.015

Table 1 Documented Diversion by Generator

City of Salinas 1999

Ref. No.	Source	business		Matl. Type	Method	Qty.	Unit	Freq.	Factor	Tons /Period	Tons/Yr
GT-02	[redacted]	Retail-Department Store		cardboard bales	recycling	70.72	tons	year	400 lbs/cu yd		70.72
				cardboard box	SR/Reuse	5.72	tons	year	2.2 lb		5.72
				white paper	recycling	1.1	tons	year	42.35 lb /55 gal		1.1
				hangers	SR/Reuse	6.84	tons	year	.125 lb		6.84
				plastic packaging	recycling	0.5	tons	year	4.8 lb/32 gal		0.5
				damaged goods	source reduction	3.5	tons	year	540 lbs/cu yd		3.5
				cans	recycling	0.14	tons	year	91.4 lbs/cu yd		0
				pallets	SR/Reuse	4.8	tons	year	40 lb		0
GT-03		Retail-Department Store		cardboard bales	recycling	130	tons	year	1,000 lb bale		130
				cardboard box	SR/Reuse	0.15	tons	year	4 lb each		0.15
				hangers	SR/Reuse	3.05	tons	year	0.125 lb each		3.05
				damaged goods	source reduction	1.5	tons	year	Actual weight		1.5
				pallets	SR/Reuse	1.12	tons	year	40 lb. Each		0
JHHAUL40		Cemetery	Commercial	Grasscycling	source reduction	174	tons	year		174.00	174.0
JHHAUL4		Stables	Commercial	Grasscycling	source reduction	5	tons	year		5.40	5.4
			Commercial	Horse Manure	compost	438	tons	year		438.00	438.0
Styles01		Food manufact	Commercial	Aluminum	recycling	104	tons	year	actual weight	104.30	0.0
				Cardboard	recycling	162	tons	year	actual weight	162.04	162.0
				Plastic	recycling	28	tons	year	actual weight	27.90	27.9
				Glass	recycling	259,200	lbs	year	2160 lb./cu y	129.60	129.6
				Paper	recycling	7,200	lbs	year	400 lb./cu yd	3.60	3.6
				Plastic buckets	SR/Reuse	5,700	lbs	year	1.9 lb. Ea.	2.85	2.9
				Food waste	recycling	208,000	lbs	year	actual weight	104.00	104.0
Styles02		food processor	Commercial	produce cull	recycling	14,300	tons	year		14,300.00	14,300.0
Styles 03		box mft.	Commercial	paper	recycling	10,029	tons	year		10,029.00	10,029.0
				scrap wood	recycling	178	tons	year	329.5lb/cy	177.90	177.9
				Total Tonnage from Business Surveys							**27,955.9**

Landfill Diversion

CIWMB	Landfill diversion 1999	Landfill	Commercial	ADC	recycling	10,748	tons	year	actual weight	10,748.29	10,748.3
CIWMB	Landfill diversion 1999	Landfill	Commercial	ADC	recycling	0	tons	year	actual weight	0.00	0.0
City of Salinas	Landfill Diversion 1999	Landfill	Commercial	Asphalt	recycling	3,158	tons	year	actual weight	3,158.10	0.0
City of Salinas	Landfill Diversion 1999	Landfill	Commercial	Concrete	recycling	568	tons	year	actual weight	567.78	0.0
City of Salinas	Landfill Diversion 1999	Landfill	Commercial	Metal	recycling	24	tons	year	actual weight	24.29	0.0
City of Salinas	Landfill Diversion 1999	Landfill	Commercial	Dirt	recycling	5,693	tons	year	actual weight	5,693.15	0.0
				Total Tonnage from Landfill Diversion							**10,748.3**

Table 1 Documented Diversion by Generator

City of Salinas 1999

Ref. No.	Source	business		Matl. Type	Method	Qty.	Unit	Freq.	Factor	Tons /Period	Tons/Yr
City Survey											
	City Survey		City	grasscycling	source reduction	3,537	tons	year		3,537.00	3,537.0
	City Survey		City	landscape debris	reuse	1,581	tons	year	527lb/cy	1,581.00	1,581.0
	City Survey		City	asphalt/concrete	recycling	720	tons	year	actual	720.00	720.0
	City Survey		City	tires	recycling	8	tons	year	USEPA	8.30	8.3
	City Survey		City	toner cartridges	recycling	0	tons	year		0.30	0.3
	City Survey		City	sludge	reuse	29,700	tons	year	45lb/cuft	29,700.00	0.0
				Total Tonnage from City Survey							**5,846.6**

Total Diversion			156,413.6
Total Disposal		1	162,972
Percentage			49%
Generation			
Population			319,386
Pounds generated per capita per day			129,800
			13.48